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PATENT
HER07 P-119

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Manfred Lenhart

For : PISTON PUMP FOR THICK MATERIALS

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sirs:

PRELIMINARY AMENDMENT

Prior to examination, Applicants wish to amend their application as follows:

Applicant : Manfred Lenhart
Page : 2

IN THE SUMMARY:

On page 32, please replace the Summary starting on line 1 with the following new Summary:

Summary

Piston Pump for Thick Materials

In a multi cylinder thick materials pump ~~[(1)]~~ for feeding concrete in particular, whose at least two feeding cylinders ~~(3,5)~~ feed the thick material from a pre filling container ~~[(7)]~~ into a feed line, having a shift valve ~~[(9)]~~ for alternatively connecting the feeding cylinders with the feed line associated with it, the shift valve ~~[(9)]~~ **according to the invention** comprising at least two valve bodies ~~(15,17)~~, movable in a substantially translatic manner, each comprising a straight transfer section ~~(15L,17L)~~, connectable in a transfer position downstream of the supply cylinder to a collector tube ~~[(19)]~~, for connecting the respectively associated supply cylinder ~~(3,5)~~ with the feed line.

A process for operating this thick material pump for continuous feed operation is also described.